

Mint of the U. S. at Philadelphia
M & R. Department.

Philad^a 6. Sept. 1879

Sir,

I find that with 4 melters and 5 helpers we can run 4 furnaces, and six melts in each, of 60 lbs bronze coin per melt, making 360 lbs bronze coin per day, using $\frac{4}{7}$ of 2 tons coal, 2 bushels kindling charcoal, $\frac{1}{3}$ barrel pulverized charcoal, and $1\frac{1}{4}$ black lead crucible. The cost per day is as follows:

4 melters and 5 men (@ 3.00 & 2.90) \$26.50

Coal $\frac{4}{7}$ of \$10.00 = \$5.70 Kindling charcoal = 2 bush = 32 = 6.02

Pulv. charcoal $\frac{1}{3}$ bbl = \$1.00 $1\frac{1}{4}$ crucible \$2.62 = 3.62

Add 10 % wear & tear of furnace, tools, &c. 3.61

Total approximate cost of 360 lbs. \$39.75

Hence the cost of 1000 lbs. would be about \$110.40

Respectfully yours

Hon. A. Loudon Snowden

Jas H Booth

Superintendent

M.

M. & R.

650 1/2

U. S. Mint, Melter and Refiner's Department,

PHILADELPHIA, PENN.,

Sept 6, 1879.

Las. C. Booth

Melter and Refiner.

Estimated Cost
of 1,000 lbs Bronze 1¢
Coins = \$110.40.

No. of Enclosures, _____

Rec^d Sept. 6th 1879.

[Abstract:] Estimated cost of 1,000 lbs. Bronze 1¢ coins = \$110.40. 650 ½

Mint of the U.S. at Philadelphia
M & R Department
Philada.
September 6, 1879

Sir,

I find that with 4 melters and 5 helpers we can run 4 furnaces, and six melts in each, of 60 lbs. bronze coin per melt, making 360 lbs. bronze coin per day, using 4/7 of 2 tons coal, 2 bushels kindling charcoal, 1/3 barrel pulverized charcoal, and 1 ¼ black lead crucible. The cost pr. day is as follows:

4 melters and 5 men (@ 3.00 & 2.90)		\$26.50
Coal 4/7 of \$10.00 = \$5.70	Kindling Charcoal = 2 bush = .32	6.02
Pulv. Charcoal 1/3 bbb = \$1.00	1 ¼ Crucible \$2.62	3.62
		36.14
Add 10% wear & tear of furnace, tools, &c.		<u>3.61</u>
Total approximate cost of 360 lbs.		\$39.75

Respectfully yours,
Jas. C. Booth
M & R

Hon. A. Loudon Snowden
Superintendent